BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Improvements to Road and Footpath in ward No.06, Thanisandra

							Estimate Cost Rs.		7500000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	cum							
	Desilting of Drain								
	Hegadeangara 1st Cross		2	430.00	0.45	0.40	154.80		
	Cross Road		1	215.00	0.45	0.40	38.70		
							193.50	86.92	**16819.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
2	Removing B.S Slab of Drain and stacking Page No. 25/ Item No. 5.32/ PWD SR 2016-17	Sqm							
	Hegadeangara 1st Cross		2	430.00	1.65		1422.78		
	Cross Road		1	215.00	1.65		355.70		
	Deduct 35% Missing Slabs						1778.48		
							3556.96	65.72	**233763.00**
	Basic Rate	62.00							
	Area Weightage @ 6%	3.72							
	Total	**65.72**							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2016-17	Sqm							
			Qty Vide Item No.3				3556.96		
							3556.96	80.56	**286549.00**
	Basic Rate	76.00							
	Area Weightage @ 6%	4.56							
	Total	**80.56**							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2016-17	**Sqm**							
	For Missing slabs (35%)		Missing Slabs				1778.48		
							1778.48	665.68	**1183899.00**
	Basic Rate	628.00							
	Area Weightage @ 6%	37.68							
	Total	**665.68**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
5	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 141/ Item No. 19.1/ PWD SR 2016-17	Cum							
	For Flaging Course Drain								
	Hegadeangara 1st Cross		2X2	430.00	0.25	0.30	129.00		
	Cross Road		1X2	215.00	0.25	0.30	32.25		
							161.25	86.92	**14016.00**
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total	**86.92**							
6	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2016-17	**Cum**							
	For Raising Course Drain								
	Hegadeangara 1st Cross		2X2	430.00	0.25	0.15	64.50		
	Cross Road		1X2	215.00	0.25	0.15	16.13		
	For Kerb Stone Bottom		2	430.00	0.25	0.15	32.25		
			1	215.00	0.25	0.15	8.06		
							120.94	5159.02	**623919.00**
	Basic Rate	4867.00							
	Area Weightage @ 6%	292.02							
	Total	**5159.02**							
7	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2016-17	**cum**							
	For Raising Course Drain Coaping								
	Hegadeangara 1st Cross		2X2	430.00	0.20	0.10	34.40		
	Cross Road		1X2	215.00	0.20	0.10	8.60		
	For Vent Concrete for Drain		2	430.00	0.45	0.15	58.05		
			1	215.00	0.45	0.15	14.51		
							115.56	5598.92	**647025.00**
	Basic Rate	5282.00							
	Area Weightage @ 6%	316.92							
	Total	**5598.92**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 24/ Item No. 5.27/ PWD SR 2016-17	Sqm							
	For Raising Course Drain								
	Hegadeangara 1st Cross		2X2	430.00		0.40	688.00		
	Cross Road		1X2	215.00		0.40	172.00		
							860.00	993.22	**854169.00**
	Basic Rate	937.00							
	Area Weightage @ 6%	56.22							
	Total	**993.22**							
9	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 25/ Item No. 5.30/ PWD SR 2016-17	Sqm							
	Hegadeangara 1st Cross		2	430.00			860.00		
	Cross Road		1	215.00			215.00		
					l e 1075/0.45		1075.00		
							2388.89	331.78	**792586.00**
	Basic Rate	313.00							
	Area Weightage @ 6%	18.78							
	Total	**331.78**							
10	KSRB 15-17.5: Applying **priming coat** over new wood surface and / or wood based surface preparing the surface after thoroughly cleaning oil, grease, dirt, and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications. Page No. 118/ Item No. 15.59 / PWD SR 2016-17	**Sqm**							
	Kerb Stone Painting		2	430.00		0.30	**258.00**		
			1	215.00		0.30	**64.50**		
							322.50	**43.46**	**14016.00**
	Basic Rate	41.00							
	Area Weightage @ 6%	2.46							
	Total	**43.46**							
11	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with **enamel paint** to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.Page No. 119/ Item No. 15.60.1 / PWD SR 2016-17								
	Hegadeangara 1st Cross		2	430.00		0.30	258.00		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Cross Road		1	215.00		0.30	64.50		
							322.50	**89.04**	**28715.00**
	Basic Rate	84.00							
	Area Weightage @ 6%	5.04							
	Total	**89.04**							
12	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications etc 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
	For Raising Course Drain								
	Hegadeangara 1st Cross		2	430.00	0.90		774.00		
	Cross Road		1	215.00	0.90		193.50		
							967.50	2100.00	**2031750.00**
	Data Rate	**1856.67**							
13	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
			Qty. Vide Item No. 1+5				**354.75**		
							354.75	73.12	**25939.00**
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2015-16 (P.118/I.17.1) For loading	68.00							
	Total	**73.12**							
							Grand Total		**6753165.00**
14	For 10% KRIDL Charges								**675317.00**
15	For 1% Labour Cess								**67532.00**
16	Miscesallaneous Charges	L/S							**3986.00**
									7500000.00
	#NAME?								

ADMINISTRATIVE APPROVAL
Accorded For Rs. Seventy five lakhs only
Head of A/c. P-3296
Div. Ref. No. 160/17-18 Date. 17/01/18
AE 17/01
EE(BTP) 17/01

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 06(Thanisandra)
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾತರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬ್ಯಾತರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Technical Sanction
Accorded For 75.00 lakhRs.
Head of A/C P3296
CSR NO : 54 Dt:. 17.01.18

TA CE (NK)